

# PROGRESS REPORT

ON THE TENNCARE PARTNERS PROGRAM
JANUARY - MARCH 2004

State of Tennessee
Bureau of TennCare and
Department of Mental Health and Developmental Disabilities
Office of Managed Care
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### PROGRESS REPORT on the TennCare Partners Program

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### **EXECUTIVE SUMMARY**

During the third quarter of fiscal year 2004, there were over 1.4 million individuals eligible to receive services through the Partners Program for some period of time, regardless of the length of the eligibility period – an increase of about 0.8% over Q2 FY04. Nine percent (125,481) of the total eligibles are members of the priority population. Children under the age of 18 account for 23% of the priority population (28,619). The greatest number of priority adults reside in Region 2, while the greatest number of priority children reside in Region 5. There are a greater number of adults than children in all planning regions for both the priority and non-priority populations, with the exception of Region 7. In Region 7, the number of non-priority children is greater than the number of non-priority adults. The greatest number of priority adults and non-priority adults and children reside in the East grand region, while the greatest number of priority children reside in the Middle grand region.

Of the individuals eligible to receive services, 117,218 unduplicated enrollees were served during Q3 FYo4 (8.3%). Of these, 88,415 are members of the priority population. The rate of priority persons served per 1000 eligibles is slightly higher for blacks than for whites in all three grand regions. For the non-priority population, the rates are highest for whites in all grand regions, for both children and adults. Region 7 has the highest rate of priority adults served, while Region 4 has the highest rate for priority children. The highest rates for the non-priority population are for adults in Region 3 and children in Region 2.

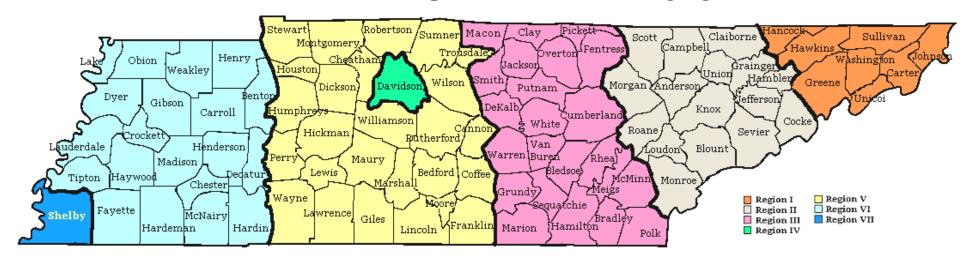
With respect to monthly utilization, case management is received by the greatest percentage of priority adults and children served in the West and Middle regions. In East Tennessee, outpatient therapy is utilized by the greatest percentage of persons served. This represents an increase in OP therapy utilization by the priority population, who received more case management in Q2. For the non-priority population, the highest percentage of persons served receive outpatient therapy, except for Middle TN adults, who receive medication management at the highest rate of all services.

Beginning with this report, an additional class of psychotropic drugs is covered in the pharmacy utilization tables: anti-narcolepsy/anti-hyperkinesis medications are now included. For the priority population and non-priority adults, pharmacy utilization is greatest for antidepressant medications. The rate of antidepressant prescription recipients per 1000 eligibles is the highest of the five major classes of psychotropic medications, across the three grand regions. For non-priority children, the rate is highest for anti-hyperkinesis agents. As one might expect, the utilization rates are higher for the priority population than for the non-priority population for all the groups, as well.

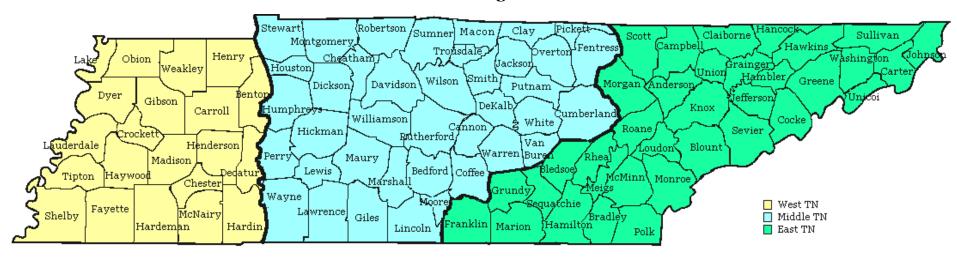
There are regional differences in inpatient utilization. The number of admissions and discharges are less in the West grand region compared to the Middle and East grand regions. However, the average length of stay for priority adults (the group with significantly more utilization) is longer in the West. The length of stay for this population is approximately 6.7 days in the West, compared to about 5.4 in the Middle grand region and 5.5 in the East.

The top three primary diagnoses for the adult priority population are schizophrenic disorders, bipolar disorder, and depressive disorder NOS, across the three regions. For priority children, hyperkinetic syndrome of childhood is the most prevalent primary diagnosis in all regions. Compared to the next most frequent diagnosis (adjustment reaction in all three regions), the proportion of priority children diagnosed with hyperkinetic syndrome of childhood is considerably greater in West Tennessee. For non-priority children, hyperkinetic syndrome of childhood is the most frequent diagnosis in the West and the second highest in the Middle and East. In these regions, adjustment reaction is the most prevalent.

### Mental Health and Developmental Disabilities Planning Regions



### **TennCare Grand Regions**



### DESCRIPTION OF SERVICES COVERED IN THIS REPORT

Service Utilization Categories in this report are aggregates of similar services.

**24** Hr Residential Treatment: Revenue codes 119, 129, 139, 149, 159, and 1001 (R&B, RTF) with bill type 11x.

**Assessment:** CPT codes 96100-96117 (CNS assessments/tests), 80100-80102 (drug testing), 82055 (chemistry, alcohol), 82145 (chemistry, amphetamine), 82520 (chemistry, cocaine), procedure codes Z2140 (intake), Z2150-Z2160, H0031 (CRG/TPG assessment), or revenue code 918 (psychiatric/psychological services, testing).

Case Management: Procedure codes Y1405, H0004 (case management), Z2000-Z2002, T1016 (case management / coordination), or Z5000 (initiation of case management services).

**Day Treatment:** Procedure codes Y1356-Y1357, H2012 (day program).

Medication Management: CPT codes 90805, 90807, 90809, 90862, Moo64 (psychiatric therapeutic procedures with medication management).

**Outpatient Therapy Services:** The following codes in conjunction with a primary diagnosis that is *not* substance abuse: CPT codes 90801 (psychiatric diagnostic interview exam) for adults age 21 and older, 90802 (psychiatric diagnostic interview exam), 90804, 90806, 90808, 90810-90814 (psychiatric therapeutic procedures, outpatient), 90845-90857 (other psychotherapy), 90841-90844 (individual medical psychotherapy with physician), 99212-99213, H0034 (follow-up OP), procedure codes Y1353-Y1355 (outpatient therapy), or revenue codes 919 (intensive outpatient program), 902-910 (psychiatric/psychological treatments, therapy), 914-917 (psychiatric/psychological services, therapy), 941 (other therapeutic services, recreational therapy), 942 (other therapeutic services, education/training) in conjunction with outpatient bill type (all bill types excluding 11x and 12x).

Partial Hospitalization: Revenue codes 0762, 912-913 (psychiatric/psychological services, partial hospitalization).

Psychiatric Diagnostic Interview Exam: CPT code 90801 for children (under age 21).

**Psychiatric Hospitalization:** Revenue codes 1x4, where x represents any digit (R&B, psychiatric).

Psychosocial Rehabilitation: Procedure codes Z2120-Z2121, Z2170, H0037 (psychosocial rehabilitation service).

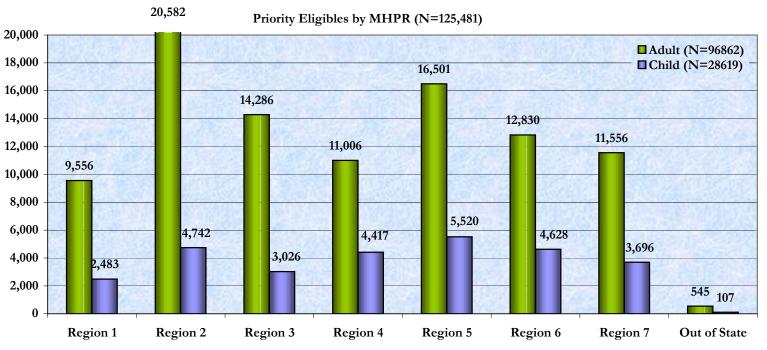
**SA Inpatient:** Revenue codes 1x6, where x represents any digit (R&B, detoxification), 1x8, where x represents any digit (R&B, rehabilitation), 944 (other therapeutic services, drug rehabilitation), or 945 (other therapeutic service, alcohol rehabilitation) in conjunction with inpatient bill type (11x or 12x).

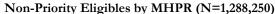
**SA Outpatient:** Revenue codes 1x6, where x represents any digit (R&B, detoxification), 1x8, where x represents any digit (R&B, rehabilitation), 944 (other therapeutic services, drug rehabilitation), or 945 (other therapeutic service, alcohol rehabilitation) in conjunction with outpatient bill type (all bill types excluding 11x and 12x). Also included are codes defined under Outpatient Therapy Services in conjunction with a primary diagnosis of substance abuse.

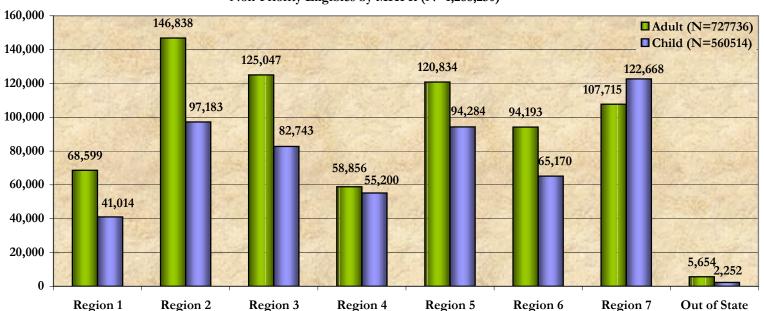
Supportive Employment: Procedure codes Z2130-Z2131, H2024 (supported employment services).

Supportive Living / Group Home: Revenue codes 229, 1003 (other special charges, supported living) in conjunction with bill type 89x.

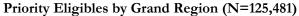
**Transportation:** Procedure codes A0010-A0999 (ambulance/transportation services) or revenue codes 540-549 (ambulance).

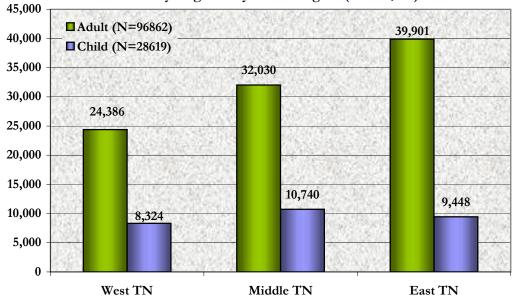




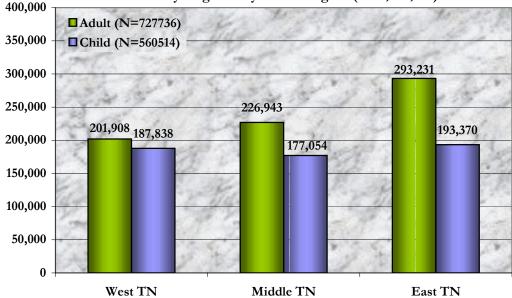


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Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year.

Number of eligibles by Grand Region does not include out-ofstate enrollees.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Grand Region: West TN

### **Priority Adults**

	Jan-04 (N=	=13615)	Feb-04 (N	=13333)	Mar-04 (N	=13936)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	413	3.0%	542	4.1%	656	4.7%
Case Management	8,726	64.1%	8,563	64.2%	8,919	64.0%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	5,501	40.4%	5,235	39.3%	5,815	41.7%
Outpatient Therapy Services	3,637	26.7%	3,447	25.9%	3,747	26.9%
Partial Hospitalization	11	0.1%	3	0.0%	2	0.0%
Psych Diag Interview Exam*	48	0.4%	43	0.3%	56	0.4%
Psychiatric Hospitalization	623	4.6%	569	4.3%	597	4.3%
Psychosocial Rehabilitation	145	1.1%	146	1.1%	146	1.0%
SA Inpatient	38	0.3%	22	0.2%	34	0.2%
SA Outpatient	136	1.0%	109	0.8%	97	0.7%
Supportive Employment	147	1.1%	116	0.9%	177	1.3%
Supp Living: Grp Home	96	0.7%	93	0.7%	91	0.7%
Transportation	2,229	16.4%	2,034	15.3%	2,285	16.4%

### **Priority Children**

	Jan-04 (N=4457)		Feb-04 (N	[=4483]	Mar-04 (N=4598)	
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	27	0.6%	24	0.5%	21	0.5%
Assessment	155	3.5%	231	5.2%	335	7.3%
Case Management	2,993	67.2%	3,108	69.3%	3,079	67.0%
Day Treatment	1	0.0%	0	0.0%	0	0.0%
Medication Management	1,779	39.9%	1,594	35.6%	1,759	38.3%
Outpatient Therapy Services	1,500	33.7%	1,517	33.8%	1,579	34.3%
Partial Hospitalization	0	0.0%	0	0.0%	0	0.0%
Psych Diag Interview Exam	384	8.6%	441	9.8%	479	10.4%
Psychiatric Hospitalization	31	0.7%	42	0.9%	33	0.7%
SA Inpatient	0	0.0%	0	0.0%	0	0.0%
SA Outpatient	15	0.3%	12	0.3%	18	0.4%
Transportation	233	5.2%	193	4.3%	186	4.0%

#### **Non-Priority Adults**

	Jan-04 (N	=2081)	Feb-04 (N	=1920)	Mar-04 (N	Mar-04 (N=1996)	
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	
Assessment	86	4.1%	78	4.1%	82	4.1%	
Case Management	69	3.3%	77	4.0%	114	5.7%	
Day Treatment	0	0.0%	0	0.0%	0	0.0%	
Medication Management	643	30.9%	652	34.0%	690	34.6%	
Outpatient Therapy Services	796	38.3%	771	40.2%	887	44.4%	
Partial Hospitalization	8	0.4%	2	0.1%	2	0.1%	
Psych Diag Interview Exam*	22	1.1%	28	1.5%	27	1.4%	
Psychiatric Hospitalization	68	3.3%	69	3.6%	86	4.3%	
Psychosocial Rehabilitation	9	0.4%	12	0.6%	8	0.4%	
SA Inpatient	39	1.9%	23	1.2%	26	1.3%	
SA Outpatient	287	13.8%	213	11.1%	96	4.8%	
Supportive Employment	4	0.2%	1	0.1%	4	0.2%	
Supp Living: Grp Home	1	0.0%	0	0.0%	1	0.1%	
Transportation	196	9.4%	181	9.4%	195	9.8%	

### Non-Priority Children

Non-Priority Children							
	Jan-04 (N	=1115)	Feb-04 (N=1198)		Mar-04 (N	[=1331)	
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	
24 Hr. Residential Treatment	14	1.3%	14	1.2%	13	1.0%	
Assessment	51	4.6%	83	6.9%	72	5.4%	
Case Management	117	10.5%	141	11.8%	150	11.3%	
Day Treatment	0	0.0%	0	0.0%	0	0.0%	
Medication Management	258	23.1%	277	23.1%	317	23.8%	
Outpatient Therapy Services	589	52.8%	625	52.2%	703	52.8%	
Partial Hospitalization	1	0.1%	0	0.0%	2	0.2%	
Psych Diag Interview Exam	186	16.7%	232	19.4%	254	19.1%	
Psychiatric Hospitalization	4	0.4%	4	0.3%	9	0.7%	
SA Inpatient	0	0.0%	0	0.0%	0	0.0%	
SA Outpatient	10	0.9%	9	0.8%	12	0.9%	
Transportation	48	4.3%	47	3.9%	55	4.1%	

Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Counts presented in these tables reflect the number of unduplicated priority/non-priority adults and children who received each service type for each month. A given enrollee is represented only once in each cell, but may be included in multiple months and service types. Percentages reflect the percent of the total priority/non-priority adults or children served within each month who received each type of service.

<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults table for this service reflect utilization by adults aged 18-20.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Grand Region: Middle TN

### **Priority Adults**

	Jan-04 (N=	=15498)	Feb-04 (N	=15281)	Mar-04 (N	=16051)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	942	6.1%	1,036	6.8%	912	5.7%
Case Management	8,029	51.8%	8,077	52.9%	8,115	50.6%
Day Treatment	79	0.5%	87	0.6%	90	0.6%
Medication Management	7,389	47.7%	7,284	47.7%	8,198	51.1%
Outpatient Therapy Services	4,978	32.1%	4,904	32.1%	5,444	33.9%
Partial Hospitalization	41	0.3%	51	0.3%	55	0.3%
Psych Diag Interview Exam*	101	0.7%	97	0.6%	121	0.8%
Psychiatric Hospitalization	776	5.0%	697	4.6%	761	4.7%
Psychosocial Rehabilitation	201	1.3%	154	1.0%	67	0.4%
SA Inpatient	65	0.4%	74	0.5%	54	0.3%
SA Outpatient	250	1.6%	220	1.4%	226	1.4%
Supportive Employment	66	0.4%	47	0.3%	41	0.3%
Supp Living: Grp Home	116	0.7%	114	0.7%	112	0.7%
Transportation	2,233	14.4%	2,124	13.9%	2,324	14.5%

### **Priority Children**

	Jan-04 (N=5851)		Feb-04 (N	T=5836)	Mar-04 (N	=6187)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	67	1.1%	72	1.2%	79	1.3%
Assessment	245	4.2%	215	3.7%	215	3.5%
Case Management	3,082	52.7%	3,138	53.8%	3,262	52.7%
Day Treatment	2	0.0%	2	0.0%	2	0.0%
Medication Management	2,103	35.9%	1,930	33.1%	2,243	36.3%
Outpatient Therapy Services	2,569	43.9%	2,631	45.1%	2,815	45.5%
Partial Hospitalization	0	0.0%	9	0.2%	5	0.1%
Psych Diag Interview Exam	675	11.5%	722	12.4%	822	13.3%
Psychiatric Hospitalization	57	1.0%	76	1.3%	76	1.2%
SA Inpatient	1	0.0%	2	0.0%	3	0.0%
SA Outpatient	43	0.7%	39	0.7%	64	1.0%
Transportation	177	3.0%	176	3.0%	187	3.0%

#### **Non-Priority Adults**

	Jan-04 (N	=3369)	Feb-04 (N	=3237)	Mar-04 (N	=3665)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	76	2.3%	81	2.5%	124	3.4%
Case Management	32	0.9%	44	1.4%	60	1.6%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	1,529	45.4%	1,466	45.3%	1,627	44.4%
Outpatient Therapy Services	995	29.5%	997	30.8%	1,173	32.0%
Partial Hospitalization	22	0.7%	17	0.5%	26	0.7%
Psych Diag Interview Exam*	33	1.0%	26	0.8%	40	1.1%
Psychiatric Hospitalization	78	2.3%	102	3.2%	97	2.6%
Psychosocial Rehabilitation	2	0.1%	3	0.1%	2	0.1%
SA Inpatient	63	1.9%	45	1.4%	57	1.6%
SA Outpatient	444	13.2%	339	10.5%	342	9.3%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	2	0.1%	1	0.0%	1	0.0%
Transportation	259	7.7%	275	8.5%	311	8.5%

### Non-Priority Children

	Jan-04 (N	=1568)	Feb-04 (N	=1585)	Mar-04 (N	=1793)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	33	2.1%	30	1.9%	29	1.6%
Assessment	117	7.5%	151	9.5%	130	7.3%
Case Management	22	1.4%	20	1.3%	47	2.6%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	350	22.3%	312	19.7%	350	19.5%
Outpatient Therapy Services	876	55.9%	894	56.4%	1,041	58.1%
Partial Hospitalization	3	0.2%	3	0.2%	1	0.1%
Psych Diag Interview Exam	324	20.7%	351	22.1%	360	20.1%
Psychiatric Hospitalization	5	0.3%	8	0.5%	22	1.2%
SA Inpatient	3	0.2%	5	0.3%	5	0.3%
SA Outpatient	64	4.1%	74	4.7%	74	4.1%
Transportation	57	3.6%	59	3.7%	67	3.7%

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<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults table for this service reflect utilization by adults aged 18-20.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Grand Region: East TN

**Priority Adults** 

	Jan-04 (N=	=18190)	Feb-04 (N	=17129)	Mar-04 (N	=18520)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	764	4.2%	805	4.7%	828	4.5%
Case Management	7,147	39.3%	7,072	41.3%	7,232	39.0%
Day Treatment	31	0.2%	24	0.1%	25	0.1%
Medication Management	6,397	35.2%	7,418	43.3%	6,968	37.6%
Outpatient Therapy Services	8,992	49.4%	8,308	48.5%	9,135	49.3%
Partial Hospitalization	148	0.8%	100	0.6%	106	0.6%
Psych Diag Interview Exam*	82	0.5%	97	0.6%	116	0.6%
Psychiatric Hospitalization	893	4.9%	739	4.3%	777	4.2%
Psychosocial Rehabilitation	711	3.9%	716	4.2%	739	4.0%
SA Inpatient	47	0.3%	54	0.3%	31	0.2%
SA Outpatient	319	1.8%	255	1.5%	234	1.3%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	150	0.8%	139	0.8%	140	0.8%
Transportation	1,779	9.8%	1,683	9.8%	1,821	9.8%

Non-Priority Adults

	Jan-04 (N	=4935)	Feb-04 (N	=4489)	Mar-04 (N	=5118)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	80	1.6%	91	2.0%	102	2.0%
Case Management	278	5.6%	282	6.3%	307	6.0%
Day Treatment	35	0.7%	36	0.8%	36	0.7%
Medication Management	1,443	29.2%	1,260	28.1%	1,667	32.6%
Outpatient Therapy Services	2,232	45.2%	2,222	49.5%	2,435	47.6%
Partial Hospitalization	50	1.0%	40	0.9%	48	0.9%
Psych Diag Interview Exam*	55	1.1%	55	1.2%	50	1.0%
Psychiatric Hospitalization	122	2.5%	98	2.2%	159	3.1%
Psychosocial Rehabilitation	86	1.7%	87	1.9%	100	2.0%
SA Inpatient	42	0.9%	33	0.7%	43	0.8%
SA Outpatient	677	13.7%	363	8.1%	276	5.4%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	5	0.1%	4	0.1%	5	0.1%
Transportation	293	5.9%	279	6.2%	353	6.9%

**Priority Children** 

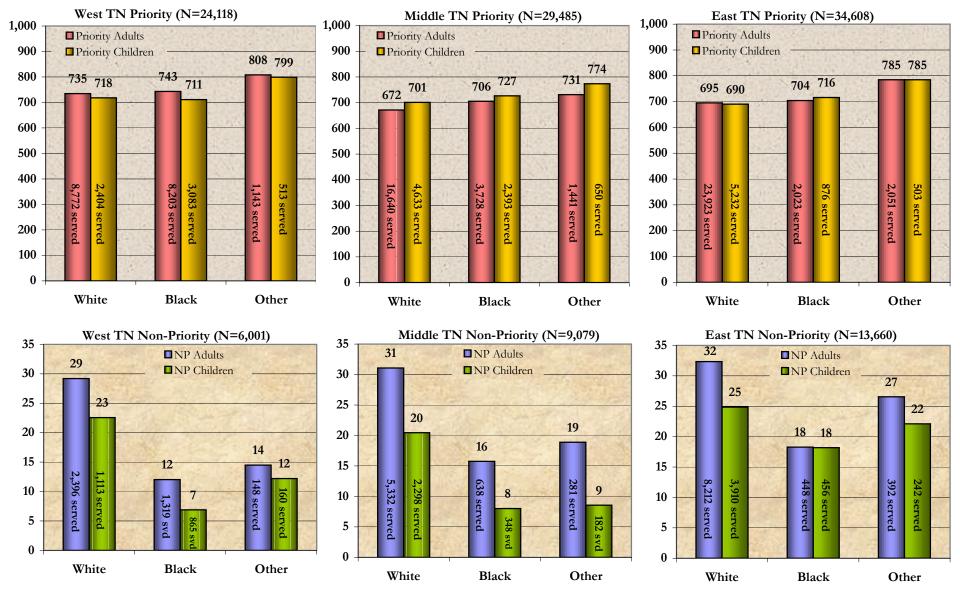
	Jan-04 (N	=4852)	Feb-04 (N	T=4702)	Mar-04 (N	=5055)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	68	1.4%	66	1.4%	61	1.2%
Assessment	230	4.7%	251	5.3%	303	6.0%
Case Management	2,186	45.1%	2,165	46.0%	2,264	44.8%
Day Treatment	16	0.3%	13	0.3%	18	0.4%
Medication Management	1,022	21.1%	1,487	31.6%	1,199	23.7%
Outpatient Therapy Services	2,970	61.2%	2,818	59.9%	3,101	61.3%
Partial Hospitalization	32	0.7%	23	0.5%	12	0.2%
Psych Diag Interview Exam	570	11.7%	550	11.7%	670	13.3%
Psychiatric Hospitalization	60	1.2%	60	1.3%	78	1.5%
SA Inpatient	7	0.1%	4	0.1%	3	0.1%
SA Outpatient	38	0.8%	40	0.9%	57	1.1%
Transportation	126	2.6%	138	2.9%	146	2.9%

Non-Priority Children

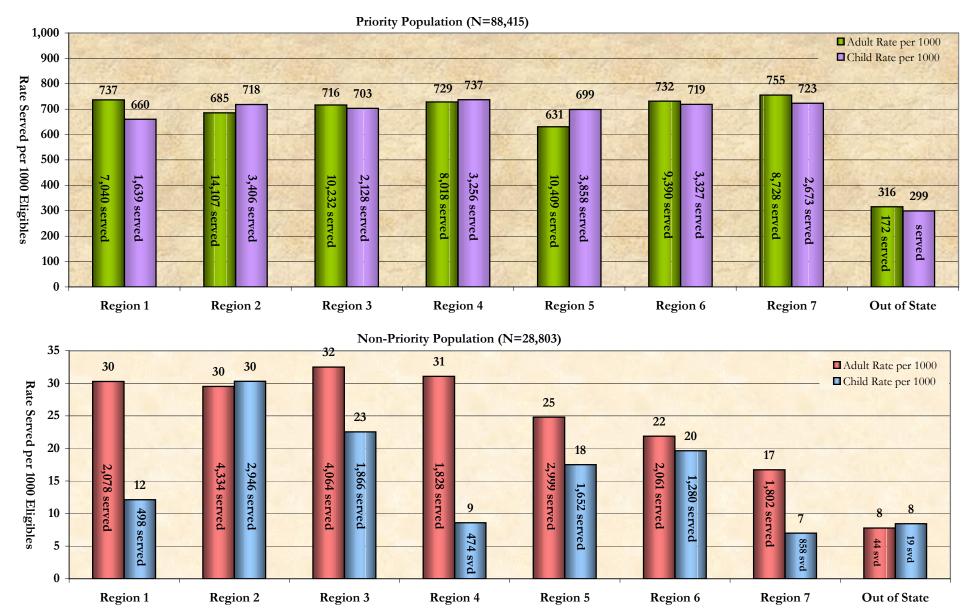
	Jan-04 (N	=2609)	Feb-04 (N	=2722)	Mar-04 (N	=3064)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	34	1.3%	37	1.4%	40	1.3%
Assessment	76	2.9%	95	3.5%	98	3.2%
Case Management	198	7.6%	208	7.6%	260	8.5%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	363	13.9%	273	10.0%	366	11.9%
Outpatient Therapy Services	1,683	64.5%	1,844	67.7%	2,053	67.0%
Partial Hospitalization	9	0.3%	5	0.2%	7	0.2%
Psych Diag Interview Exam	541	20.7%	547	20.1%	561	18.3%
Psychiatric Hospitalization	18	0.7%	19	0.7%	28	0.9%
SA Inpatient	3	0.1%	5	0.2%	6	0.2%
SA Outpatient	47	1.8%	52	1.9%	68	2.2%
Transportation	69	2.6%	74	2.7%	70	2.3%

Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Counts presented in these tables reflect the number of unduplicated priority/non-priority adults and children who received each service type for each month. A given enrollee is represented only once in each cell, but may be included in multiple months and service types. Percentages reflect the percent of the total priority/non-priority adults or children served within each month who received each type of service.

<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults table for this service reflect utilization by adults aged 18-20.



The sum of the persons served in these charts does not include out-of-state persons served. Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Persons served refers to the number of unique enrollees who received services through the Partners program 1/1/04 to 3/31/04. Rates are determined by dividing the number of priority/non-priority adults/children served in each region by the number of priority/non-priority adult/child enrollees in each region and multiplying by 1000.



Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Persons served refers to the number of unique enrollees who received services through the Partners program 1/1/04 to 3/31/04. Rates are determined by dividing the number of priority/non-priority adults/children served in each region by the number of priority/non-priority adults/child enrollees in each region and multiplying by 1000.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Race by Grand Region: West TN

**Priority Adults** 

	White (N:	=8772)	Black (N	=8203)	Other (N	=1143)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	656	7.5%	789	9.6%	74	6.5%
Case Management	4,553	51.9%	6,180	75.3%	742	64.9%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	6,302	71.8%	4,280	52.2%	739	64.7%
Outpatient Therapy Services	3,485	39.7%	2,602	31.7%	372	32.5%
Partial Hospitalization	13	0.1%	2	0.0%	1	0.1%
Psych Diag Interview Exam*	76	0.9%	65	0.8%	6	0.5%
Psychiatric Hospitalization	541	6.2%	663	8.1%	57	5.0%
Psychosocial Rehabilitation	66	0.8%	97	1.2%	8	0.7%
SA Inpatient	65	0.7%	19	0.2%	3	0.3%
SA Outpatient	157	1.8%	60	0.7%	10	0.9%
Supportive Employment	102	1.2%	168	2.0%	18	1.6%
Supp Living: Grp Home	42	0.5%	53	0.6%	10	0.9%
Transportation	1,107	12.6%	2,314	28.2%	261	22.8%

**Priority Children** 

	White (N	=2404)	Black (N	=3083)	Other (N	=513)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	19	0.8%	11	0.4%	4	0.8%
Assessment	213	8.9%	445	14.4%	57	11.1%
Case Management	1,449	60.3%	2,337	75.8%	374	72.9%
Day Treatment	1	0.0%	0	0.0%	0	0.0%
Medication Management	1,408	58.6%	1,724	55.9%	354	69.0%
Outpatient Therapy Services	1,243	51.7%	1,194	38.7%	199	38.8%
Partial Hospitalization	0	0.0%	0	0.0%	0	0.0%
Psych Diag Interview Exam	532	22.1%	660	21.4%	77	15.0%
Psychiatric Hospitalization	30	1.2%	49	1.6%	7	1.4%
SA Inpatient	0	0.0%	0	0.0%	0	0.0%
SA Outpatient	14	0.6%	13	0.4%	2	0.4%
Transportation	72	3.0%	286	9.3%	45	8.8%

#### Non-Priority Adults

	White (N	=2396)	Black (N=	=1319)	Other (N	=148)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	140	5.8%	87	6.6%	10	6.8%
Case Management	50	2.1%	113	8.6%	5	3.4%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	864	36.1%	468	35.5%	63	42.6%
Outpatient Therapy Services	1,003	41.9%	415	31.5%	47	31.8%
Partial Hospitalization	7	0.3%	5	0.4%	0	0.0%
Psych Diag Interview Exam*	46	1.9%	27	2.0%	2	1.4%
Psychiatric Hospitalization	80	3.3%	105	8.0%	6	4.1%
Psychosocial Rehabilitation	5	0.2%	7	0.5%	0	0.0%
SA Inpatient	66	2.8%	16	1.2%	0	0.0%
SA Outpatient	293	12.2%	97	7.4%	6	4.1%
Supportive Employment	0	0.0%	5	0.4%	0	0.0%
Supp Living: Grp Home	0	0.0%	0	0.0%	1	0.7%
Transportation	120	5.0%	229	17.4%	28	18.9%

Non-Priority Children

Non-Priority Children								
	White (N	=1113)	Black (N	=865)	Other (N	=160)		
		% of		% of		% of		
0 . 7	Unduplicated				Unduplicated			
Service Type	Consumers	Served	Consumers	Served	Consumers	Served		
24 Hr. Residential Treatment	7	0.6%	7	0.8%	1	0.6%		
Assessment	103	9.3%	83	9.6%	19	11.9%		
Case Management	43	3.9%	153	17.7%	16	10.0%		
Day Treatment	0	0.0%	0	0.0%	0	0.0%		
Medication Management	294	26.4%	269	31.1%	57	35.6%		
Outpatient Therapy Services	631	56.7%	355	41.0%	69	43.1%		
Partial Hospitalization	2	0.2%	1	0.1%	0	0.0%		
Psych Diag Interview Exam	354	31.8%	263	30.4%	39	24.4%		
Psychiatric Hospitalization	11	1.0%	6	0.7%	0	0.0%		
SA Inpatient	0	0.0%	0	0.0%	0	0.0%		
SA Outpatient	13	1.2%	9	1.0%	0	0.0%		
Transportation	11	1.0%	70	8.1%	3	1.9%		

<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults tables for this service reflect utilization by adults aged 18-20. Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Servicely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Unduplicated consumers refers to the number of unique enrollees who received each selected service type 1/1/04 to 3/31/04. The table presents both the number of unduplicated consumers who received each type of service and the percentage of total persons served (N) for each category. For example, of the total white priority adults served in the region (8,772), 4,553 (or 52% of the white priority adults served) received case management services. Of the black priority adults served in the region, 6,180 received this service, or 75% of the 8,203 black priority adults served. The sum of the consumers of each service type does not equal the total number of persons served (N) and the sum of percentages does not equal 100%, because a given enrollee may be represented in multiple service types.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Race by Grand Region: Middle TN

**Priority Adults** 

	White (N=	=16640)	Black (N	=3728)	Other (N	=1441)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	2,252	13.5%	343	9.2%	218	15.1%
Case Management	6,645	39.9%	2,443	65.5%	681	47.3%
Day Treatment	61	0.4%	37	1.0%	8	0.6%
Medication Management	11,247	67.6%	2,335	62.6%	1,044	72.4%
Outpatient Therapy Services	7,142	42.9%	1,097	29.4%	491	34.1%
Partial Hospitalization	114	0.7%	5	0.1%	7	0.5%
Psych Diag Interview Exam*	225	1.4%	48	1.3%	10	0.7%
Psychiatric Hospitalization	1,411	8.5%	280	7.5%	74	5.1%
Psychosocial Rehabilitation	132	0.8%	76	2.0%	16	1.1%
SA Inpatient	161	1.0%	15	0.4%	4	0.3%
SA Outpatient	380	2.3%	80	2.1%	11	0.8%
Supportive Employment	33	0.2%	34	0.9%	8	0.6%
Supp Living: Grp Home	91	0.5%	30	0.8%	11	0.8%
Transportation	2,598	15.6%	897	24.1%	294	20.4%

**Priority Children** 

	White (N	White (N=4633)		=2393)	Other (N	=650)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	62	1.3%	29	1.2%	9	1.4%
Assessment	490	10.6%	107	4.5%	47	7.2%
Case Management	2,057	44.4%	1,351	56.5%	350	53.8%
Day Treatment	0	0.0%	4	0.2%	0	0.0%
Medication Management	2,317	50.0%	1,098	45.9%	421	64.8%
Outpatient Therapy Services	2,442	52.7%	1,282	53.6%	326	50.2%
Partial Hospitalization	11	0.2%	0	0.0%	1	0.2%
Psych Diag Interview Exam	1,359	29.3%	517	21.6%	123	18.9%
Psychiatric Hospitalization	133	2.9%	33	1.4%	9	1.4%
SA Inpatient	5	0.1%	0	0.0%	0	0.0%
SA Outpatient	69	1.5%	23	1.0%	2	0.3%
Transportation	155	3.3%	127	5.3%	36	5.5%

**Non-Priority Adults** 

	White (N	=5332)	Black (N	=638)	Other (N	=281)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	247	4.6%	22	3.4%	10	3.6%
Case Management	65	1.2%	12	1.9%	6	2.1%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	2,447	45.9%	206	32.3%	129	45.9%
Outpatient Therapy Services	1,609	30.2%	178	27.9%	65	23.1%
Partial Hospitalization	53	1.0%	2	0.3%	3	1.1%
Psych Diag Interview Exam*	83	1.6%	11	1.7%	1	0.4%
Psychiatric Hospitalization	202	3.8%	36	5.6%	13	4.6%
Psychosocial Rehabilitation	1	0.0%	1	0.2%	2	0.7%
SA Inpatient	149	2.8%	10	1.6%	4	1.4%
SA Outpatient	595	11.2%	58	9.1%	17	6.0%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	2	0.0%	0	0.0%	0	0.0%
Transportation	424	8.0%	120	18.8%	49	17.4%

Non-Priority Children

	White (N	=2298)	Black (N	=348)	Other (N	=182)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	30	1.3%	5	1.4%	1	0.5%
Assessment	296	12.9%	40	11.5%	32	17.6%
Case Management	48	2.1%	11	3.2%	5	2.7%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	505	22.0%	62	17.8%	46	25.3%
Outpatient Therapy Services	1,295	56.4%	159	45.7%	87	47.8%
Partial Hospitalization	6	0.3%	0	0.0%	0	0.0%
Psych Diag Interview Exam	813	35.4%	118	33.9%	68	37.4%
Psychiatric Hospitalization	29	1.3%	1	0.3%	4	2.2%
SA Inpatient	9	0.4%	4	1.1%	0	0.0%
SA Outpatient	98	4.3%	37	10.6%	1	0.5%
Transportation	77	3.4%	44	12.6%	6	3.3%

<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults tables for this service reflect utilization by adults aged 18-20. Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Unduplicated consumers refers to the number of unique enrollees who received each selected service type 1/1/04 to 3/31/04. The table presents both the number of unduplicated consumers who received each type of service and the percentage of total persons served (N) for each category. For example, of the total white priority adults served in the region (16,640), 6,645 (or 40% of the white priority adults served) received case management services. Of the black priority adults served in the region, 2,443 received this service, or 66% of the 3,728 black priority adults served. The sum of the consumers of each service type does not equal the total number of persons served (N) and the sum of percentages does not equal 100%, because a given enrollee may be represented in multiple service types.

### Service Utilization by Select Service Types, Priority and Non-Priority Enrollees by Race by Grand Region: East TN

**Priority Adults** 

	White (N=	=23923)	Black (N	=2023)	Other (N:	=2051)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	2,038	8.5%	143	7.1%	178	8.7%
Case Management	7,563	31.6%	1,248	61.7%	792	38.6%
Day Treatment	32	0.1%	1	0.0%	4	0.2%
Medication Management	13,617	56.9%	1,092	54.0%	1,245	60.7%
Outpatient Therapy Services	13,968	58.4%	886	43.8%	1,100	53.6%
Partial Hospitalization	275	1.1%	37	1.8%	15	0.7%
Psych Diag Interview Exam*	240	1.0%	14	0.7%	10	0.5%
Psychiatric Hospitalization	1,611	6.7%	199	9.8%	82	4.0%
Psychosocial Rehabilitation	925	3.9%	114	5.6%	86	4.2%
SA Inpatient	123	0.5%	3	0.1%	3	0.1%
SA Outpatient	500	2.1%	30	1.5%	20	1.0%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	131	0.5%	20	1.0%	13	0.6%
Transportation	2,422	10.1%	448	22.1%	270	13.2%

**Priority Children** 

	White (N=	=5232)	Black (N	J=876)	Other (N	=503)
Service Type	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served	Unduplicated Consumers	% of Children Served
24 Hr. Residential Treatment	65	1.2%	7	0.8%	15	3.0%
Assessment	590	11.3%	88	10.0%	51	10.1%
Case Management	2,124	40.6%	506	57.8%	272	54.1%
Day Treatment	31	0.6%	3	0.3%	1	0.2%
Medication Management	2,119	40.5%	330	37.7%	280	55.7%
Outpatient Therapy Services	3,778	72.2%	496	56.6%	372	74.0%
Partial Hospitalization	40	0.8%	8	0.9%	11	2.2%
Psych Diag Interview Exam	1,412	27.0%	192	21.9%	81	16.1%
Psychiatric Hospitalization	138	2.6%	17	1.9%	18	3.6%
SA Inpatient	12	0.2%	2	0.2%	0	0.0%
SA Outpatient	74	1.4%	18	2.1%	0	0.0%
Transportation	198	3.8%	48	5.5%	19	3.8%

Non-Priority Adults

	White (N	=8212)	Black (N	=448)	Other (N	=392)
Service Type	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served	Unduplicated Consumers	% of Adults Served
Assessment	236	2.9%	17	3.8%	9	2.3%
Case Management	377	4.6%	39	8.7%	21	5.4%
Day Treatment	36	0.4%	2	0.4%	2	0.5%
Medication Management	2,587	31.5%	102	22.8%	133	33.9%
Outpatient Therapy Services	3,717	45.3%	168	37.5%	191	48.7%
Partial Hospitalization	111	1.4%	13	2.9%	2	0.5%
Psych Diag Interview Exam*	139	1.7%	11	2.5%	3	0.8%
Psychiatric Hospitalization	335	4.1%	16	3.6%	6	1.5%
Psychosocial Rehabilitation	139	1.7%	10	2.2%	11	2.8%
SA Inpatient	108	1.3%	6	1.3%	1	0.3%
SA Outpatient	876	10.7%	56	12.5%	26	6.6%
Supportive Employment	0	0.0%	0	0.0%	0	0.0%
Supp Living: Grp Home	7	0.1%	0	0.0%	0	0.0%
Transportation	478	5.8%	74	16.5%	42	10.7%

Non-Priority Children

Non-Priority Children	White (N	White (N=3910) Black (N=456)				
	winte (1	-3910)	Diack (IN		Other (N=242)	
		% of		% of		% of
	Unduplicated				Unduplicated	
Service Type	Consumers	Served	Consumers	Served	Consumers	Served
24 Hr. Residential Treatment	37	0.9%	6	1.3%	3	1.2%
Assessment	168	4.3%	43	9.4%	16	6.6%
Case Management	294	7.5%	27	5.9%	19	7.9%
Day Treatment	0	0.0%	0	0.0%	0	0.0%
Medication Management	591	15.1%	80	17.5%	46	19.0%
Outpatient Therapy Services	2,599	66.5%	278	61.0%	147	60.7%
Partial Hospitalization	19	0.5%	1	0.2%	0	0.0%
Psych Diag Interview Exam	1,351	34.6%	146	32.0%	74	30.6%
Psychiatric Hospitalization	56	1.4%	3	0.7%	2	0.8%
SA Inpatient	13	0.3%	1	0.2%	0	0.0%
SA Outpatient	80	2.0%	21	4.6%	4	1.7%
Transportation	95	2.4%	30	6.6%	10	4.1%

<sup>\*</sup> Psychiatric Diagnostic Interview Exams (CPT code 90801) are reported separately for enrollees up to age 20. Figures in the adults tables for this service reflect utilization by adults aged 18-20. Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service. Unduplicated consumers refers to the number of unique enrollees who received each selected service type 1/1/04 to 3/31/04. The table presents both the number of unduplicated consumers who received each type of service and the percentage of total persons served (N) for each category. For example, of the total white priority adults served in the region (23,923), 7,563 (or 32% of the white priority adults served) received case management services. Of the black priority adults served in the region, 1,248 received this service, or 62% of the 2,023 black priority adults served. The sum of the consumers of each service type does not equal the total number of persons served (N) and the sum of percentages does not equal 100%, because a given enrollee may be represented in multiple service types.

### Number of BHO Prescriptions and Number of BHO Prescription Recipients by Select Therapeutic Class Priority and Non-Priority Adults and Children by TennCare Grand Region: Q3 FY 2004 West Tennessee

### **Adult Recipients**

Pri	ority Populat	ion	Non-	Priority Popu	lation
Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000
Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles
14,958	5,059	207	50,161	18,750	93
49,522	13,403	550	89,711	31,413	156
920	422	17	1,315	638	3
2,516	955	39	971	387	2
34,464	10,205	418	19,695	6,313	31
43,655	11,534	473	69,398	24,691	122
_	Prescriptions 14,958 49,522 920 2,516 34,464	Prescriptions         Rx Recipients           14,958         5,059           49,522         13,403           920         422           2,516         955           34,464         10,205	Prescriptions         Rx Recipients         Eligibles           14,958         5,059         207           49,522         13,403         550           920         422         17           2,516         955         39           34,464         10,205         418	Prescriptions         Rx Recipients         Eligibles         Prescriptions           14,958         5,059         207         50,161           49,522         13,403         550         89,711           920         422         17         1,315           2,516         955         39         971           34,464         10,205         418         19,695	Prescriptions         Rx Recipients         Eligibles         Prescriptions         Rx Recipients           14,958         5,059         207         50,161         18,750           49,522         13,403         550         89,711         31,413           920         422         17         1,315         638           2,516         955         39         971         387           34,464         10,205         418         19,695         6,313

**Child Recipients** 

	Priority Population			Non-Priority Population			
	Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000	
Therapeutic Class	Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles	
Anti-Anxiety	71	42	5	482	240	1	
Antidepressant	4,564	1,833	220	2,625	1,243	7	
Anti-Hyperkinesis	4,409	1,807	217	4,758	2,009	11	
Anti-Mania	95	44	5	56	18	0	
Anti-Psychotic	3,097	1,183	142	1,310	507	3	
Other	7,569	2,627	316	15,331	8,043	43	

BHO prescriptions refers to the number of prescriptions for "BHO drugs," as determined by the Bureau of TennCare.

These pharmacy data were calculated separately from the service utilization data presented previously, and the degree of overlap is unknown. Consequently, enrollees who received only pharmacy services are not included in the overall persons served.

The therapeutic class "Other" includes psychotropic drugs not included in the other classes as well as a variety of other medications used in conjunction with psychotropic drugs to combat side effects.

Rates are determined by dividing the number of priority/non-priority adult/child prescription recipients in the region by the number of priority/non-priority adult/child enrollees in the region and multiplying by 1000.

# Number of BHO Prescriptions and Number of BHO Prescription Recipients by Select Therapeutic Class Priority and Non-Priority Adults and Children by TennCare Grand Region: Q3 FY 2004 Middle Tennessee

### **Adult Recipients**

Pri	ority Populat	ion.	Non-l	Priority Popu	lation
Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000
Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles
28,468	9,165	286	87,056	31,844	140
73,706	19,318	603	155,239	52,401	231
1,823	788	25	2,763	1,177	5
3,416	1,260	39	1,358	519	2
48,829	12,932	404	30,829	10,031	44
66,397	15,884	496	109,906	36,435	161
•	Number of Prescriptions 28,468 73,706 1,823 3,416 48,829	Number of Prescriptions         Number of Rx Recipients           28,468         9,165           73,706         19,318           1,823         788           3,416         1,260           48,829         12,932	Number of Prescriptions         Number of Rx Recipients         Rate per 1000 Eligibles           28,468         9,165         286           73,706         19,318         603           1,823         788         25           3,416         1,260         39           48,829         12,932         404	Number of Prescriptions         Number of Rx Recipients         Rate per 1000 Eligibles         Number of Prescriptions           28,468         9,165         286         87,056           73,706         19,318         603         155,239           1,823         788         25         2,763           3,416         1,260         39         1,358           48,829         12,932         404         30,829	Number of Prescriptions         Number of Rx Recipients         Rate per 1000 Eligibles         Number of Prescriptions         Number of Rx Recipients         Number of Rx Recipients         Number of Rx Recipients           28,468         9,165         286         87,056         31,844           73,706         19,318         603         155,239         52,401           1,823         788         25         2,763         1,177           3,416         1,260         39         1,358         519           48,829         12,932         404         30,829         10,031

**Child Recipients** 

	Pri	ority Populat	Priority Population			lation
	Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000
Therapeutic Class	Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles
Anti-Anxiety	249	124	12	509	317	2
Antidepressant	6,851	2,516	234	4,089	1,909	11
Anti-Hyperkinesis	5,897	2,089	195	7,591	2,949	17
Anti-Mania	215	79	7	101	39	0
Anti-Psychotic	5,149	1,746	163	1,834	703	4
Other	9,348	2,969	276	13,772	6,822	39

BHO prescriptions refers to the number of prescriptions for "BHO drugs," as determined by the Bureau of TennCare.

These pharmacy data were calculated separately from the service utilization data presented previously, and the degree of overlap is unknown. Consequently, enrollees who received only pharmacy services are not included in the overall persons served.

The therapeutic class "Other" includes psychotropic drugs not included in the other classes as well as a variety of other medications used in conjunction with psychotropic drugs to combat side effects.

Rates are determined by dividing the number of priority/non-priority adult/child prescription recipients in the region by the number of priority/non-priority adult/child enrollees in the region and multiplying by 1000.

# Number of BHO Prescriptions and Number of BHO Prescription Recipients by Select Therapeutic Class Priority and Non-Priority Adults and Children by TennCare Grand Region: Q3 FY 2004 East Tennessee

### **Adult Recipients**

	Pri	ority Populat	ion	Non-	Priority Popu	lation
	Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000
Therapeutic Class	Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles
Anti-Anxiety	37,319	12,189	305	122,509	44,676	152
Antidepressant	94,887	25,436	637	210,623	72,403	247
Anti-Narcolepsy	3,359	1,417	36	4,790	2,084	7
Anti-Mania	3,962	1,379	35	1,602	608	2
Anti-Psychotic	55,193	15,632	392	37,965	12,492	43
Other	82,409	20,470	513	154,189	51,430	175

**Child Recipients** 

	Pri	ority Populat	ion	Non-Priority Population			
	Number of	Number of	Rate per 1000	Number of	Number of	Rate per 1000	
Therapeutic Class	Prescriptions	Rx Recipients	Eligibles	Prescriptions	Rx Recipients	Eligibles	
Anti-Anxiety	310	145	15	978	520	3	
Antidepressant	6,221	2,383	252	6,398	2,874	15	
Anti-Hyperkinesis	6,619	2,295	243	12,142	4,658	24	
Anti-Mania	381	140	15	219	78	0	
Anti-Psychotic	5,302	1,822	193	3,441	1,259	7	
Other	9,227	2,774	294	20,705	9,241	48	

BHO prescriptions refers to the number of prescriptions for "BHO drugs," as determined by the Bureau of TennCare.

These pharmacy data were calculated separately from the service utilization data presented previously, and the degree of overlap is unknown. Consequently, enrollees who received only pharmacy services are not included in the overall persons served.

The therapeutic class "Other" includes psychotropic drugs not included in the other classes as well as a variety of other medications used in conjunction with psychotropic drugs to combat side effects.

Rates are determined by dividing the number of priority/non-priority adult/child prescription recipients in the region by the number of priority/non-priority adult/child enrollees in the region and multiplying by 1000.

### Monthly Inpatient Utilization, Priority and Non-Priority Enrollees by Grand Region: West TN

Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	459	414	481
Number of Discharges	406	380	467
Average Length of Stay	7.0	7.0	6.2
Readmissions within 7 Days	34	29	37
Readmissions within 8-30 Days	43	36	61

Non-Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	86	74	94
Number of Discharges	73	74	86
Average Length of Stay	5.6	5.6	5.4
Readmissions within 7 Days	2	1	2
Readmissions within 8-30 Days	6	8	3

Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	26	41	26
Number of Discharges	20	31	31
Average Length of Stay	8.9	7.8	9.4
Readmissions within 7 Days	1	1	2
Readmissions within 8-30 Days	2	6	-

Non-Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	3	4	6
Number of Discharges	3	3	6
Average Length of Stay	10.0	7.0	8.2
Readmissions within 7 Days	-	-	-
Readmissions within 8-30 Days	-	-	-

Admissions are defined as inpatient records with bill type 11x or 12x and revenue code 1x4, 1x6, or 1x8.

Discharges are defined as inpatient records with bill type 111 or 114 and revenue code 1x4, 1x6, 1x8, 944, or 945.

Readmissions within a given month are defined as those discharges during the month for which the individual had a subsequent admission within 7 days or 8 to 30 days, respectively.

Average length of stay is calculated as the mean number of patient days for each population group in each month. Stays with LOS greater than 30 days are excluded from the discharges, readmissions, and the calculation of ALOS to prevent skewing the averages. Greater than 98% of the total discharges during the quarter had a length of stay of 30 days or less.

### Monthly Inpatient Utilization, Priority and Non-Priority Enrollees by Grand Region: Middle TN

Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	689	657	712
Number of Discharges	641	615	734
Average Length of Stay	5.3	5.4	5.5
Readmissions within 7 Days	50	49	46
Readmissions within 8-30 Days	73	65	85

Non-Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	119	128	138
Number of Discharges	105	121	132
Average Length of Stay	4.6	4.6	4.9
Readmissions within 7 Days	3	1	3
Readmissions within 8-30 Days	2	4	1

Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	54	57	62
Number of Discharges	36	53	70
Average Length of Stay	6.0	7.0	6.5
Readmissions within 7 Days	2	-	2
Readmissions within 8-30 Days	1	1	3

Non-Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	6	14	25
Number of Discharges	3	10	23
Average Length of Stay	4.3	7.3	8.5
Readmissions within 7 Days	-	-	-
Readmissions within 8-30 Days	-	-	1

Admissions are defined as inpatient records with bill type 11x or 12x and revenue code 1x4, 1x6, or 1x8.

Discharges are defined as inpatient records with bill type 111 or 114 and revenue code 1x4, 1x6, 1x8, 944, or 945.

Readmissions within a given month are defined as those discharges during the month for which the individual had a subsequent admission within 7 days or 8 to 30 days, respectively.

Average length of stay is calculated as the mean number of patient days for each population group in each month. Stays with LOS greater than 30 days are excluded from the discharges, readmissions, and the calculation of ALOS to prevent skewing the averages. Greater than 98% of the total discharges during the quarter had a length of stay of 30 days or less.

### Monthly Inpatient Utilization, Priority and Non-Priority Enrollees by Grand Region: East TN

Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	727	630	666
Number of Discharges	670	617	672
Average Length of Stay	5.5	5.6	5.5
Readmissions within 7 Days	42	53	53
Readmissions within 8-30 Days	69	60	67

Non-Priority Adults	Jan-04	Feb-04	Mar-04
Number of Admissions	115	116	184
Number of Discharges	109	114	177
Average Length of Stay	5.4	5.2	5.2
Readmissions within 7 Days	3	7	7
Readmissions within 8-30 Days	1	5	4

Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	58	62	77
Number of Discharges	52	58	75
Average Length of Stay	8.1	8.6	8.6
Readmissions within 7 Days	1	2	3
Readmissions within 8-30 Days	3	4	9

Non-Priority Children	Jan-04	Feb-04	Mar-04
Number of Admissions	18	21	33
Number of Discharges	15	17	32
Average Length of Stay	7.9	8.8	9.3
Readmissions within 7 Days	1	-	1
Readmissions within 8-30 Days	-	1	1

Admissions are defined as inpatient records with bill type 11x or 12x and revenue code 1x4, 1x6, or 1x8.

Discharges are defined as inpatient records with bill type 111 or 114 and revenue code 1x4, 1x6, 1x8, 944, or 945.

Readmissions within a given month are defined as those discharges during the month for which the individual had a subsequent admission within 7 days or 8 to 30 days, respectively.

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## Top 10 Primary Diagnoses in Q3 FY 2004: Adult and Child Priority and Non-Priority Population by Grand Region West Tennessee

### **Priority Adults**

Primary Diagnosis	# Adults
Schizophrenic Disorders	4,386
Bipolar Disorder	2,964
Depressive Disorder, NOS	1,619
Major Depression	1,371
Other Nonorganic Psychoses	944
Anxiety States	761
Adjustment Reaction	572
Neurotic Depression	526
Unspecified Neurotic Disorder	316
Other Affective Psychoses	284

### **Priority Children**

Primary Diagnosis	# Children
Hyperkinetic Syndrome of Childhood	2,880
Adjustment Reaction	705
Depressive Disorder, NOS	654
Disturbance of Emotions Spec to Chldhd Adol	574
Disturbance of Conduct, NOS	506
Bipolar Disorder	192
Major Depression	159
Other Affective Psychoses	149
Anxiety States	89
Other Nonorganic Psychoses	75

### **Non-Priority Adults**

Primary Diagnosis	# Adults
Depressive Disorder, NOS	393
Anxiety States	379
Major Depression	318
Adjustment Reaction	309
Bipolar Disorder	285
Drug Dependence	201
Schizophrenic Disorders	199
Nondependent Abuse of Drugs	162
Unspecified Neurotic Disorder	138
Neurotic Depression	100

### Non-Priority Children

Primary Diagnosis	# Children
Hyperkinetic Syndrome of Childhood	875
Adjustment Reaction	429
Depressive Disorder, NOS	162
Disturbance of Emotions Spec to Chldhd Adol	132
Disturbance of Conduct, NOS	100
Major Depression	72
Anxiety States	69
Unspecified Neurotic Disorder	65
Nondependent Abuse of Drugs	28
Bipolar Disorder	27

Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service.

Figures represent the number of unduplicated enrollees who received each primary diagnosis at some point in the quarter. A given enrollee is represented only once within each diagnosis, but may be duplicated across multiple diagnoses.

## Top 10 Primary Diagnoses in Q3 FY 2004: Adult and Child Priority and Non-Priority Population by Grand Region Middle Tennessee

### **Priority Adults**

Primary Diagnosis	# Adults
Bipolar Disorder	4,272
Schizophrenic Disorders	3,229
Depressive Disorder, NOS	1,899
Major Depression	1,501
Anxiety States	1,188
Adjustment Reaction	1,119
Other Affective Psychoses	648
Other Nonorganic Psychoses	566
Neurotic Depression	555
Drug Dependence	509

### **Priority Children**

Primary Diagnosis	# Children
Hyperkinetic Syndrome of Childhood	2,825
Adjustment Reaction	1,487
Disturbance of Conduct, NOS	932
Depressive Disorder, NOS	769
Disturbance of Emotions Spec to Chldhd Adol	748
Bipolar Disorder	494
Other Affective Psychoses	338
Major Depression	239
Anxiety States	222
Neurotic Depression	134

### Non-Priority Adults

Primary Diagnosis	# Adults
Anxiety States	717
Bipolar Disorder	678
Major Depression	608
Drug Dependence	573
Adjustment Reaction	549
Depressive Disorder, NOS	426
Nondependent Abuse of Drugs	237
Alcohol Dependence Syndrome	173
Schizophrenic Disorders	165
Neurotic Depression	161

### Non-Priority Children

Primary Diagnosis	# Children
Adjustment Reaction	927
Hyperkinetic Syndrome of Childhood	760
Disturbance of Conduct, NOS	209
Disturbance of Emotions Spec to Chldhd Adol	190
Depressive Disorder, NOS	180
Anxiety States	120
Drug Dependence	96
Major Depression	92
Bipolar Disorder	78
Nondependent Abuse of Drugs	75

Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service.

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## Top 10 Primary Diagnoses in Q3 FY 2004: Adult and Child Priority and Non-Priority Population by Grand Region East Tennessee

### **Priority Adults**

Primary Diagnosis	# Adults
Bipolar Disorder	4,344
Schizophrenic Disorders	3,602
Depressive Disorder, NOS	2,401
Anxiety States	2,181
Major Depression	2,149
Adjustment Reaction	1,332
Neurotic Depression	919
Other Nonorganic Psychoses	852
Other Affective Psychoses	759
Phobic Disorders	630

### **Priority Children**

Primary Diagnosis	# Children
Hyperkinetic Syndrome of Childhood	1,931
Adjustment Reaction	967
Depressive Disorder, NOS	840
Disturbance of Conduct, NOS	808
Disturbance of Emotions Spec to Chldhd Adol	733
Bipolar Disorder	539
Other Affective Psychoses	264
Major Depression	253
Anxiety States	219
Other Nonorganic Psychoses	99

### **Non-Priority Adults**

Primary Diagnosis	# Adults
Anxiety States	1,104
Depressive Disorder, NOS	894
Bipolar Disorder	853
Adjustment Reaction	802
Major Depression	753
Drug Dependence	435
Neurotic Depression	379
Schizophrenic Disorders	316
Nondependent Abuse of Drugs	301
Alcohol Dependence Syndrome	221

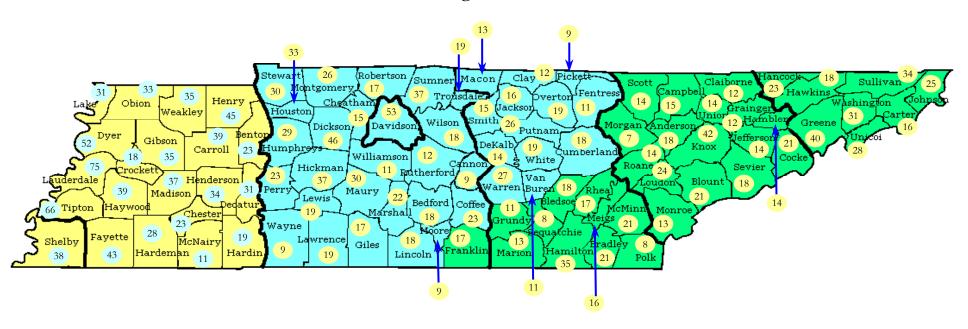
### **Non-Priority Children**

Primary Diagnosis	# Children
Adjustment Reaction	1,382
Hyperkinetic Syndrome of Childhood	1,142
Disturbance of Conduct, NOS	438
Depressive Disorder, NOS	374
Disturbance of Emotions Spec to Chldhd Adol	368
Anxiety States	194
Bipolar Disorder	147
Major Depression	146
Other Affective Psychoses	94
Nondependent Abuse of Drugs	89

Priority population is defined as all SPMI and SED persons eligible to receive services through the Partners program for some period of time between 1/1/04 and 3/31/04, regardless of length of eligibility period. The SPMI population is defined as all Severely or Persistently Mentally Ill adults (a current CRG 1, CRG 2, or CRG 3 assessment). The SED population is defined as all Seriously Emotionally Disturbed children and youth (a current TPG 2 assessment). A current assessment is defined as within one year of the date of service.

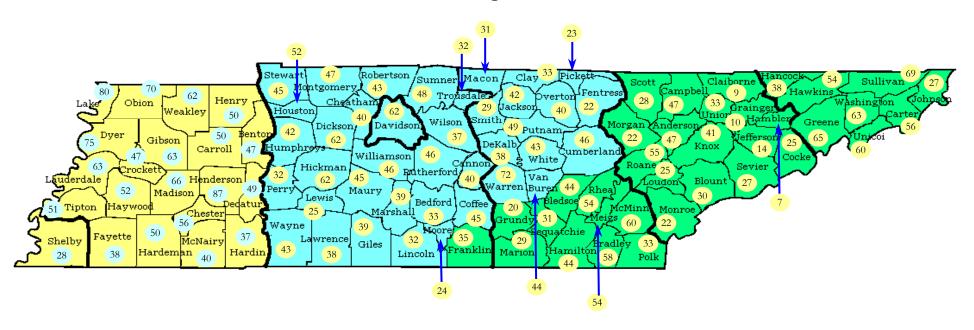
Figures represent the number of unduplicated enrollees who received each primary diagnosis at some point in the quarter. A given enrollee is represented only once within each diagnosis, but may be duplicated across multiple diagnoses.

## Rate of Unduplicated Persons Utilizing Select Service Types per 1000 Eligibles: Q3 FY 2004 by County Case Management Services



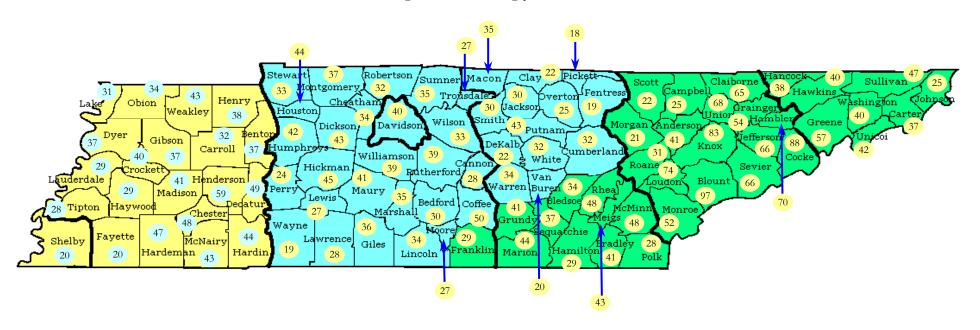
Rates are determined by dividing the number of unduplicated eligibles residing in each county who received case management services by the total number of eligibles in each county and multiplying by 1000.

### Rate of Unduplicated Persons Utilizing Select Service Types per 1000 Eligibles: Q3 FY 2004 by County Medication Management Services



Rates are determined by dividing the number of unduplicated eligibles residing in each county who received medication management services by the total number of eligibles in each county and multiplying by 1000.

## Rate of Unduplicated Persons Utilizing Select Service Types per 1000 Eligibles: Q3 FY 2004 by County Outpatient Therapy Services



Rates are determined by dividing the number of unduplicated eligibles residing in each county who received outpatient therapy services by the total number of eligibles in each county and multiplying by 1000.